NetBlazer® Graphical User Interface Version 1.0 Release Notes

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Introduction 1

Telebit is pleased to release Version 1.0 of the NetBlazer Graphical User Interface software. Before attempting to configure and use the NetBlazer, please review this document.

NetBlazer Graphical user Interface Version 1.0 is provided on one 3-1/2" diskette. The following table lists the contents of the diskette.

Table 1. Diskette Contents

MSTEST.EX_	NWLPXSPX.DL_
MSCOMSTF.DL_	AS.HL_
MSCUISTF.DL_	ASTART.HL_
MSDETECT.IN_	README.TXT
MSDETSTF.DL_	SETUP.EXE
MSINSSTF.DL_	SETUP.LST
MSSHLSTF.DL_	SETUPAPI.IN
MSUILSTF.DL_	TELEBIT.IC_
NBCFG.EX_	XVTW.DL_
NBCFG.HL_	XVTWTX.DL_
NBCFG.IN_	XWI320.DL_
NBCFG.INF	XWI320TE.DL_
NBCFG.MS_	

Your Comments or Questions

If you have any comments or questions about this release, send e-mail to **support@telebit.com**, or call Technical Support at **1-800-TELEBIT** or **408-734-5200**.

Telebit has also established an electronic mailing list for NetBlazer users to exchange NetBlazer-related questions and ideas; send e-mail to **netblazer-users@telebit.com**. If you want to be added to this list, send your request to **netblazer-users-request@telebit .com**.

System Requirements 2

Before installing the NBCFG software, your NetBlazer should be installed correctly. You will need the following components for the installation:

- NetBlazer PN, ST, 40, or Classic
- NetBlazer software version 2.2 or higher
- Telebit null modem cable (PN 12103-01), if you will be connecting your NetBlazer to the serial port on your PC

Follow the instructions in the *NetBlazer Installation Guide* that came with your NetBlazer to complete the installation. Pay particular attention to the cabling requirements.

NetBlazer Configuration Utility Configuration Requirements

To install the NetBlazer Configuration Utility, you must have the correct hardware and software for your computer.

Hardware Requirements

- IBM PC or compatible with an 80386 or higher processor
- VGA card and color monitor
- 4 megabytes of RAM
- 3-1/2" floppy disk drive
- Hard disk with at least 2 megabytes of free space
- Ethernet card or token ring (if you will be accessing the NetBlazer through a network)
- Serial port and Telebit null modem cable (PN 12103-01) (if you will connect the NetBlazer directly to your PC through the asynchronous port)
- Microsoft or compatible mouse

Software Requirements

- MS-DOS version 5.0 or higher
- Microsoft Windows version 3.1
- NetWare shell for IPX network configuration version 3.26 or higher
- LSL.COM version 1.21 or higher

- IPXODI.COM version 1.20 or higher
- NETX.COM version 3.26 or higher

Precautions and Limitations 3

Limitations

Once a NetBlazer's configuation has become sufficiently complex to require Expert or command line mode, it is not recommended that you revert or switch back and forth between QuickStart and Expert modes.

Direct connection to the serial port on your PC is recommended only for the QuickStart configuration mode. If you will be using the Expert configuration mode, you should establish a connection to the NetBlazer through your IPX network.

To guarantee communication between the PC running the configuration utility and the NetBlazer, the PC must be directly connected to the local network. Since many router vendors may not retransmit Layer 2 broadcast packets, NBCFG may not be able to discover NetBlazers off the local network.

Upgrade Procedures 4

Upgrading the NetBlazer from Version 2.1 to Version 2.2

Configuring the NetBlazer Using the Network Option

In order to upgrade your NetBlazer from Version 2.1 to Version 2.2 so that the NetBlazer Configuration Utility can discover it over your local IPX LAN segment, you must execute the following commands on the NetBlazer using the command line interface.

Note: *This example assumes that your NetBlazer was already configured for IPX and properly working in your IPX environment when you were running Version 2.1, and that you have previously followed the instructions outlined in Section 3, "System Update Procedure" of the NetBlazer 2.2 Release Notes.*

```
NetBlazer:Top> snmp enterprise enable rw
NetBlazer:Top> server start ipxsnmp
NetBlazer:Top> configure save
NetBlazer:Top> reboot y
```

After the NetBlazer has finished rebooting, the NetBlazer Configuration Utility will be able to discover it.

Configuring the NetBlazer Using the Serial Port Option

In order to upgrade your NetBlazer from Version 2.1 to Version 2.2 so that the NetBlazer Configuration Utility can discover it using a serial port, you must execute the following commands on the NetBlazer using the command line interface.

```
NetBlazer:Top> snmp enterprise enable rw
NetBlazer:Top> speed <console line-name> 9600
NetBlazer:Top> user add snmp
NetBlazer:Top> user privilege snmp conf stat
NetBlazer:Top> user command snmp "configure snmp async
3600 1; logout"
NetBlazer:Top> configure save
NetBlazer:Top> reboot y
```

After the NetBlazer has finished rebooting, the NetBlazer Configuration Utility will be able to discover it.

Trouble Shooting 5

This section describes some problems you may have configuring your NetBlazer, and offers potential solutions. To solve one of the problems listed, follow the solution steps in the order presented.

Problem: The NBCFG program cannot find the IPX network

Solutions

1. Make sure Novell NetWare version 3.26 or above is selected as the active network. (You can do this using the Windows setup program.)
2. Make sure you have IPXODI version 1.20 or higher.
3. Make sure you have the correct driver installed for your Ethernet card, and that your PC can talk to your IPX network (for example, try accessing a network drive or logging into a server).

Problem: NBCFG can see the IPX network but does not discover the desired NetBlazer.

Solutions

1. Make sure the NetBlazer is powered on and running version 2.2 software.
2. Reinitiate the discovery by double-clicking on the desired NetBlazer in the Network Discovery screen.
3. If you are upgrading a NetBlazer from 2.1 software, follow the instructions in Section 4, "Upgrade Procedures". Your old configuration may have IPX or SNMP disabled.
4. If you are running a single frame type on your network, the NetBlazer will learn the appropriate framing from the server. If you are running both types of Ethernet framing on your network, the NetBlazer and your PC will not communicate until they are using the same frame type. Change the frame type that your PC is using by editing the *net.cfg* file in your NetWare directory.
5. Connect your PC to the local network of the NetBlazer you are trying to communicate with.

Problem: Cannot connect to NetBlazer via serial interface.

Solutions

1. Make sure the NBCFG is connected to the correct port.
2. Make sure you are using a "full handshake" null modem cable such as Telebit part #12103-01.

3. If you are upgrading a previously configured NetBlazer, you may need to return the baud rate of the async line you are using to 9600.

Problem: Multiple SNMP get and set errors while using the serial link.

Solution

1. Make sure you are using a "full handshake" null modem cable such as Telebit part #12103-01. NBCFG uses lines 4 and 5 of the cable for flow control. If these wires are not present, the NetBlazer-to-PC connection will experience multiple errors and time-outs.

Problem: NBCFG program will not install correctly.

Solutions

a. Make sure you have at least 2.5 megabytes of space available on your hard disk.

b. If you have downloaded the NBCFG software from a server, check for corrupt files and download the software again.

Security 6

SNMP Communities

Security for the NetBlazer Configuration Utility is not provided via a password mechanism; it is provided via definition of SNMP communities. An SNMP community is a list of the IP or IPX addresses that are allowed to read or write the NetBlazer configuration.

When the NetBlazer is shipped, the default configuration includes the SNMP community "private," and all hosts or addresses are allowed. After the NetBlazer had been initially configured, the user can edit the "SYSTEM->SNMP->HOSTS "screen to add IP or IPX addresses to the community "private." Once the configuration is saved, only those addresses will be able to configure the NetBlazer via SNMP.